

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1	(martens and koppers and nijbore and woerlee).in.	US-PGPUB; USPAT	OR	ON	2008/01/04 12:40
S3	9	(martens and tieke).in.	US-PGPUB; USPAT	OR	ON	2008/01/04 12:41
S7	246	"369".clas. and (otp (opposite adj1 track adj1 path))	US-PGPUB; USPAT	OR	ON	2008/01/04 12:42
S6	2866	(otp (opposite adj1 track adj1 path))	US-PGPUB; USPAT	OR	ON	2008/01/04 12:42
S8	302	(otp (opposite adj1 track adj1 path)) and (((run lead) adj1 in) lead\$1in run\$1in) and (((run lead) adj1 out) lead\$1out run\$1out)	US-PGPUB; USPAT	OR	ON	2008/01/04 12:45
S10	300	(otp (opposite adj1 track adj1 path)) and (((run lead) adj1 in) lead\$1in run\$1in) and (((run lead) adj1 out) lead\$1out run\$1out) and ((second plural\$3 upper lower dual two multiple) near3 (layer surface))	US-PGPUB; USPAT	OR	ON	2008/01/04 12:46
S9	264	(otp (opposite adj1 track adj1 path)) and (((run lead) adj1 in) lead\$1in run\$1in) and (((run lead) adj1 out) lead\$1out run\$1out) and ((second plural\$3 upper lower) near3 (layer surface))	US-PGPUB; USPAT	OR	ON	2008/01/04 12:46
S11	139	(otp (opposite adj1 track adj1 path)) and (((run lead) adj1 in) lead\$1in run\$1in) and (((run lead) adj1 out) lead\$1out run\$1out) and ((second plural\$3 upper lower dual two multiple) near3 (layer surface)) and (opc pca ((power test\$3 calibrat\$3) near3 (area zone region)))	US-PGPUB; USPAT	OR	ON	2008/01/04 12:48
S14	141	"369".clas. and ((otp (opposite adj1 track adj1 path)) (((spiral\$4 near5 ((counter adj1 clock\$1wise) counter\$1clock\$1wise)) same (spiral\$4 near5 clock\$1wise)) (track near5 (opposite near3 (spiral\$4 direction)))) and (((run lead) adj1 in) lead\$1in run\$1in) and (((run lead) adj1 out) lead\$1out run\$1out) and ((second plural\$3 upper lower dual two multiple) near3 (layer surface)) and (opc pca ((power test\$3 calibrat\$3) near3 (area zone region)))	US-PGPUB; USPAT	OR	ON	2008/01/04 12:52

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S13	166	((otp (opposite adj1 track adj1 path)) (((spiral\$4 near5 ((counter adj1 clock\$1wise) counter\$1clock\$1wise)) same (spiral\$4 near5 clock\$1wise)) (track near5 (opposite near3 (spiral\$4 direction)))))) and (((run lead) adj1 in) lead\$1in run\$1in) and (((run lead) adj1 out) lead\$1out run\$1out) and ((second plural\$3 upper lower dual two multiple) near3 (layer surface)) and (opc pca ((power test\$3 calibrat\$3) near3 (area zone region)))	US-PGPUB; USPAT	OR	ON	2008/01/04 12:52
S15	46	((otp (opposite adj1 track adj1 path)) (((spiral\$4 near5 ((counter adj1 clock\$1wise) counter\$1clock\$1wise)) same (spiral\$4 near5 clock\$1wise)) (track near5 (opposite near3 (spiral\$4 direction)))))) and (((run lead) adj1 in) lead\$1in run\$1in) and (((run lead) adj1 out) lead\$1out run\$1out) and ((second plural\$3 upper lower dual two multiple) near3 (layer surface)) and (opc pca ((power test\$3 calibrat\$3) near3 (area zone region))) and (intermediate near3 (region area zone))	US-PGPUB; USPAT	OR	ON	2008/01/04 13:02
S17	18	("20010024420" "20030123379" "200 30137909" "20040032813" "4426692"  "4807204" "5253242" "5406534" "54 18774" "5485452" "5563855" "560871 5" "5761160" "5796688" "5881032" " 5970029" "6603714" "RE36445").PN.	US-PGPUB; USPAT	OR	ON	2008/01/04 13:04
S16	100	((otp (opposite adj1 track adj1 path)) (((spiral\$4 near5 ((counter adj1 clock\$1wise) counter\$1clock\$1wise)) same (spiral\$4 near5 clock\$1wise)) (track near5 (opposite near3 (spiral\$4 direction)))))) and (((run lead) adj1 in) lead\$1in run\$1in) and (((run lead) adj1 out) lead\$1out run\$1out) and ((second plural\$3 upper lower dual two multiple) near3 (layer surface)) and (opc pca ((power test\$3 calibrat\$3) near3 (area zone region))) and ((intermediate middle) near3 (region area zone))	US-PGPUB; USPAT	OR	ON	2008/01/04 13:27
S19	54	S18 not S15	US-PGPUB; USPAT	OR	ON	2008/01/04 15:30

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S18	100	((otp (opposite adj1 track adj1 path)) (((spiral\$4 near5 ((counter adj1 clock\$1wise) counter\$1clock\$1wise)) same (spiral\$4 near5 clock\$1wise)) (track near5 (opposite near3 (spiral\$4 direction)))) and (((run lead) adj1 in lead\$1in run\$1in) and (((run lead) adj1 out) lead\$1out run\$1out) and ((second plural\$3 upper lower dual two multiple) near3 (layer surface)) and (opc pca ((power test\$3 calibrat\$3) near3 (area zone region))) and ((intermediate middle (focus near2 jump\$3)) near3 (region area zone)))	US-PGPUB; USPAT	OR	ON	2008/01/04 17:17
S20	184	((otp (opposite adj1 track adj1 path)) (((spiral\$4 near5 ((counter adj1 clock\$1wise) counter\$1clock\$1wise)) same (spiral\$4 near5 clock\$1wise)) (track near5 (opposite near3 (spiral\$4 direction)))) and (((run lead) adj1 in lead\$1in run\$1in) and (((run lead) adj1 out) lead\$1out run\$1out) and ((second plural\$3 upper lower dual two multiple) near3 (layer surface)) and ((intermediate middle (focus near2 jump\$3)) near3 (region area zone)))	US-PGPUB; USPAT	OR	ON	2008/01/04 17:18
S21	31	("3999009"   "4729938"   "4807204"   "4890273"   "5235575"   "5253242"   "5255260"   "5406534"   "5418774"   "5470627"   "5485452"   "5518325"   "5533001"   "5563855"   "5606546"   "5608717"   "5608718"   "5648954"   "5696743"   "5703868"   "5706269"   "5729525"   "5761160"   "5796688"   "5905707"   "5949752"   "6014364"   "6172957"   "6576319"   "6603714"   "RE36445").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 17:34
S12	166	((otp (opposite adj1 track adj1 path)) (track near5 (opposite near3 (spiral\$4 direction)))) and (((run lead) adj1 in lead\$1in run\$1in) and (((run lead) adj1 out) lead\$1out run\$1out) and ((second plural\$3 upper lower dual two multiple) near3 (layer surface)) and (opc pca ((power test\$3 calibrat\$3) near3 (area zone region)))	US-PGPUB; USPAT	OR	ON	2008/01/04 17:42
S22	5416	"369".clas. and ((second plural\$3 multiple upper lower) near3 (record\$3 writ\$3) near3 (layer surface))	US-PGPUB; USPAT	OR	ON	2008/01/04 17:43

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S23	799	"369".clas. and ((second plural\$3 multiple upper lower) near3 (record\$3 writ\$3) near3 (layer surface)) and (pca ((opc ((power intensit\$3 record\$3 writ\$3) near3 (control calibrat\$3 test\$3 trial))) near3 (area region zone)))	US-PGPUB; USPAT	OR	ON	2008/01/04 17:47
S24	197	"369".clas. and (((second plural\$3 multiple upper lower) near3 (record\$3 writ\$3) near3 (layer surface)) same (pca ((opc ((power intensit\$3 record\$3 writ\$3) near3 (control calibrat\$3 test\$3 trial))) near3 (area region zone))))	US-PGPUB; USPAT	OR	ON	2008/01/04 17:52
S25	101	"369".clas. and (((second plural\$3 multiple upper lower) near3 (record\$3 writ\$3) near3 (layer surface)) same (pca ((opc ((power intensit\$3) near3 (calibrat\$3 test\$3 trial))) near3 (area region zone))))	US-PGPUB; USPAT	OR	ON	2008/01/04 17:54
S26	137	"369".clas. and (((second plural\$3 multiple upper lower) near3 (record\$3 writ\$3) near3 (layer surface)) same (pca ((opc ((power intensit\$3 recording writ\$3) near3 (calibrat\$3 test\$3 trial))) near3 (area region zone))))	US-PGPUB; USPAT	OR	ON	2008/01/04 17:56
S28	2	"369".clas. and (((test\$3 calibrat\$3 determin\$5) near3 (power intensity) near3 (second lower) near3 (level layer surface)) with ((then afterwards after before follow\$3 preced\$3) near3 ((writing record\$3) near3 (marks data information)) near3 ((first upper) near3 (level surface layer))))	US-PGPUB; USPAT	OR	ON	2008/01/04 18:00
S27	2	"369".clas. and (((test\$3 calibrat\$3 determin\$5) near3 (power intensity) near3 (second lower) near3 (level layer surface)) with ((after before follow\$3 preced\$3) near3 ((writing record\$3) near3 (marks data information)) near3 ((first upper) near3 (level surface layer))))	US-PGPUB; USPAT	OR	ON	2008/01/04 18:02
S29	15	"369".clas. and ((marks information data) near3 (written recorded) near3 (above below underneath) near3 (pca ((opc ((power intensit\$3 recording writ\$3) near3 (calibrat\$3 test\$3 trial))) near3 (area region zone))))	US-PGPUB; USPAT	OR	ON	2008/01/04 18:06

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S31	2007	"369".clas. and ( (pca ((opc ((power intensit\$3 recording writ\$3) near3 (calibrat\$3 test\$3 trial))) near3 (area region zone))))	US-PGPUB; USPAT	OR	ON	2008/01/04 18:07
S30	0	"369".clas. and ((each near3 (layer surface level)) near3 (pca ((opc ((power intensit\$3 recording writ\$3) near3 (calibrat\$3 test\$3 trial))) near3 (area region zone))))	US-PGPUB; USPAT	OR	ON	2008/01/04 18:07
S36	0	"369".clas. and (("each" with (layer surface level)) )	US-PGPUB; USPAT	OR	ON	2008/01/04 18:09
S34	0	"369".clas. and ((each near3 (layer surface level)) )	US-PGPUB; USPAT	OR	ON	2008/01/04 18:09
S33	0	"369".clas. and ((each near3 (layer surface level)) with ((power intensity) near3 (determin\$5 calculat\$3 optimiz\$5 calibrat\$3)))	US-PGPUB; USPAT	OR	ON	2008/01/04 18:09
S32	0	"369".clas. and ((each near3 (layer surface level)) with (pca ((opc ((power intensit\$3 recording writ\$3) near3 (calibrat\$3 test\$3 trial))) near3 (area region zone))))	US-PGPUB; USPAT	OR	ON	2008/01/04 18:10
S35	0	"369".clas. and ((each with (layer surface level)) )	US-PGPUB; USPAT	OR	ON	2008/01/04 18:14
S37	119	"369".clas. and (((determin\$5 calculat\$3 optimiz\$5 calibrat\$3) near4 (power near3 (writ\$3 recording))) with ((layer surface level) near3 (second upper lower n\$1th)))	US-PGPUB; USPAT	OR	ON	2008/01/04 18:17
S38	86	"369".clas. and (((determin\$5 calculat\$3 optimiz\$5 calibrat\$3) near4 (power near3 (writ\$3 recording))) with ((layer surface level) near3 (second lower n\$1th)) with ((layer surface level) near3 (first upper other)))	US-PGPUB; USPAT	OR	ON	2008/01/04 18:19
S41	1	"369".clas. and "each"	US-PGPUB; USPAT	OR	ON	2008/01/04 18:55
S40	1	"369".clas. and "each"	US-PGPUB; USPAT	OR	ON	2008/01/04 18:55
S42	308	"369".clas. and ((different near3 (power intensity characteristic)) with ((recording writ\$4) near3 (layer surface)))	US-PGPUB; USPAT	OR	ON	2008/01/04 19:11

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S43	226	"369".clas. and ((different near3 (power intensity characteristic)) with ((recording writ\$4) near2 (layer surface))) and ((plural\$3 second multiple upper lower) near3 ((recording writ\$4) near2 (layer surface)))	US-PGPUB; USPAT	OR	ON	2008/01/04 19:13
S44	7	"369".clas. and (((blank unrecorded unwritten (no adj1 mark)) ) with ((different near3 (power intensity characteristic)) with ((recording writ\$4) near2 (layer surface)))) and ((plural\$3 second multiple upper lower) near3 ((recording writ\$4) near2 (layer surface)))	US-PGPUB; USPAT	OR	ON	2008/01/04 19:22
S45	8	(plural\$3 near5 ((layer surface) near3 (recording writ\$3))) and (power near5 (test\$3 calibrat\$3 trial) near3 (region zone area))	EPO; JPO	OR	ON	2008/01/04 19:23
S46	9	(plural\$3 near5 ((layer surface) near3 (recording writ\$3))) and (pca (power near5 (test\$3 calibrat\$3 trial) near3 (region zone area)))	EPO; JPO	OR	ON	2008/01/04 19:25
S49	2	nakano-kazuhiko.in. and "369".clas. and power	US-PGPUB; USPAT	OR	ON	2008/01/04 19:26
S48	3	nakano-kazuhiko.in. and "369".clas.	US-PGPUB; USPAT	OR	ON	2008/01/04 19:26
S47	20	nakano-kazuhiko.in.	US-PGPUB; USPAT	OR	ON	2008/01/04 19:26
S50	1	nakano-kazuhiko.in. and "369".clas. and power and test\$3	US-PGPUB; USPAT	OR	ON	2008/01/04 19:27
S51	31	("11120617" "0229791" "200152337")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 19:28
S52	8	("11-120617" "02/29791" "2001-52337")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 19:30

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S53	8	("20020136122" "20030185121" "20050232108" "20060203648").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 19:37
S54	36	("20020064110" "20020136122" "20030117922" "20030137909" "20030137915" "20030185121" "20030207262" "20040110086" "20040152016" "20040264322" "20050007924" "20050013223" "20050226116" "20050259552" "20050276187" "5914917" "6707776" "7158466").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 19:38
S56	13	("20010007546" "20030058771" "20030185121" "20030063535" "20050078578" "20050259561" "5818807" "5966721" "5274622" "6111851" "6845071" "6845071" "6990055" "7184377").PN.	US-PGPUB; USPAT	OR	ON	2008/01/04 19:52
S55	18	("20020064110" "20020136122" "20030117922" "20030137909" "20030137915" "20030185121" "20030207262" "20040110086" "20040152016" "20040264322" "20050007924" "20050013223" "20050226116" "20050259552" "20050276187" "5914917" "6707776" "7158466").PN.	US-PGPUB; USPAT	OR	ON	2008/01/04 19:52
S57	6	("20020021656"   "20020136122"   "20030058771"   "20030137909"   "20030137915"   "20030156514").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 20:40
S58	20	watanabe-shiyouso.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/04 20:42
S59	225	"369".clas. and ((already previous\$2 preced\$3) near3 (recorded written) near4 (layer surface)) and ((plural\$3 second multiple upper lower) near3 ((recording writ\$4) near2 (layer surface)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/04 20:43
S60	230	"369".clas. and ((already previous\$2 preced\$3 prior\$2) near3 (recorded written) near4 (layer surface)) and ((plural\$3 second multiple upper lower) near3 ((recording writ\$4) near2 (layer surface)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/04 20:44

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S61	20	"369".clas. and (((determin\$5 calculat\$3 calibrat\$3 optimiz\$5) near3 (intensity power)) opc pca) same ((already previous\$2 preced\$3 prior\$2) near3 (recorded written) near4 (layer surface))) and ((plural\$3 second multiple upper lower) near3 ((recording writ\$4) near2 (layer surface)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/04 20:45
S62	12	("20020136122"   "20040085868"   "20040100894"   "5309419"   "6052347"   "6628591"   "6735153"   "6738329"   "6845071"   "6850469"   "6894962"   "7184377").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 21:10
S39	47	"369".clas. and (((determin\$5 calculat\$3 optimiz\$5 calibrat\$3) near4 (power near3 (writ\$3 recording))) with ((layer surface) near3 (second lower n\$1th)) with ((layer surface) near3 (first upper other)))	US-PGPUB; USPAT	OR	ON	2008/01/04 21:28
S64	15	("20020064110" "20030137909" "200 30137915" "20030185121" "20040110 086" "20040152016" "20040264322" " 20050007924" "20050013223" "20050 207262" "20050226116" "2005025955 2" "20050276187" "5914917" "670777 6").PN.	US-PGPUB; USPAT	OR	ON	2008/01/04 21:34
S63	7	("20020136122" "20030137909" "200 30137910" "20030151994" "20030185 121" "20040052176" "20050226116"). PN.	US-PGPUB; USPAT	OR	ON	2008/01/04 21:34
S67	19	(nishiuchi-kenichi and narumi-kenji). in. and test\$3 and layer	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/05 15:54
S65	3	2000-277775	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/05 15:58
S70	2	"02/23542"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 15:59
S68	4	2000-277775	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 15:59



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S72	0	2002/023542	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:05
S71	0	WO2002/023542	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:05
S69	21	"0223542"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:05
S73	3	"2002023542"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:07
S75	2	jp-2000277775-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:14
S66	102	(nishiuchi-kenichi and narumi-kenji). in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/05 16:19
S78	0	wo-2002023542-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:20

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S74	1	wo-200223542-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:20
S80	1	wo-200107927-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:21
S79	2	jp-2001007927-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:21
S81	100	wo-2002235\$2-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:22
S84	2	"369".clas. and ((rom ((read reproduc\$4) near3 (region portion area zone))) with ((location position address) near3 ((test\$3 calibrat\$3 trial) near3 (region area zone partition)))) same ((rom ((read reproduc\$4) near3 (region portion area zone))) with (atip pre\$1track pre\$1groove pre\$1pit ((track groove) near3 wobbl\$3)))	US-PGPUB; USPAT	OR	ON	2008/01/05 18:47
S83	8	"369".clas. and ((rom ((read reproduc\$4) near3 (region portion area zone))) with ((location position address) near3 ((test\$3 calibrat\$3 trial) near3 (region area zone partition)))) and ((rom ((read reproduc\$4) near3 (region portion area zone))) with (atip pre\$1track pre\$1groove pre\$1pit ((track groove) near3 wobbl\$3)))	US-PGPUB; USPAT	OR	ON	2008/01/05 18:48

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S82	43	"369".clas. and ((rom ((read reproduc\$4) near3 (region portion area zone))) with ((location position address) near3 ((test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT	OR	ON	2008/01/05 18:50
S85	127	"369".clas. and ((toc (table adj2 contents) lead\$1in run\$1in ((run lead) adj1 in) rom ((read reproduc\$4) near3 (region portion area zone))) with ((location position address) near3 ((test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT	OR	ON	2008/01/05 18:53
S87	5	"369".clas. and ((toc (table adj2 contents) lead\$1in run\$1in ((run lead) adj1 in) rom ((read reproduc\$4) near3 (region portion area zone))) with ((indicat\$3 specif\$4 designat\$3) near3 (location position address) near3 ((test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT	OR	ON	2008/01/05 18:56
S86	37	"369".clas. and (((toc (table adj2 contents) lead\$1in run\$1in ((run lead) adj1 in) rom ((read reproduc\$4) near3 (region portion area zone))) with ((location position address) near3 ((test\$3 calibrat\$3 trial) near3 (region area zone partition)))) same ((toc (table adj2 contents) lead\$1in run\$1in ((run lead) adj1 in) rom ((read reproduc\$4) near3 (region portion area zone))) with (atip pre\$1track pre\$1groove pre\$1pit ((track groove) near3 wobbl\$3))))	US-PGPUB; USPAT	OR	ON	2008/01/05 19:13
S88	11	"369".clas. and ((pre\$1track pre\$1groove groove wobbl\$3) with ((location position address) near3 ((test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT	OR	ON	2008/01/05 19:23
S90	22	"369".clas. and ((pre\$1track pre\$1groove groove wobbl\$3) with ((locat\$3 position address indicat\$3 specif\$4) near3 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT	OR	ON	2008/01/05 23:45
S89	15	"369".clas. and ((pre\$1track pre\$1groove groove wobbl\$3) with ((locat\$3 position address indicat\$3 specif\$4) near3 ((test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT	OR	ON	2008/01/05 23:45

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S91	71	"369".clas. and ((toc \$2toc pre\$1track pre\$1groove groove wobbl\$3) with ((locat\$3 position address indicat\$3 specif\$4) near3 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))))	US-PGPUB; USPAT	OR	ON	2008/01/05 23:46
S93	6	"369".clas. and (((control adj1 information) toc \$2toc pre\$1track pre\$1groove groove) with wobbl\$3) with ((locat\$3 position address indicat\$3 specif\$4) near3 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))))	US-PGPUB; USPAT	OR	ON	2008/01/05 23:50
S95	7	"369".clas. and ((pre\$1groove pre\$1track) with ((address position location specif\$4 indicat\$3) near5 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))))	US-PGPUB; USPAT	OR	ON	2008/01/05 23:52
S94	86	"369".clas. and ((pre\$1groove pre\$1track) with (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT	OR	ON	2008/01/06 00:06
S92	89	"369".clas. and (((control adj1 information) toc \$2toc pre\$1track pre\$1groove groove wobbl\$3) with ((locat\$3 position address indicat\$3 specif\$4) near3 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))))	US-PGPUB; USPAT	OR	ON	2008/01/06 00:13
S98	10	"369".clas. and (((contents disc disk control) adj1 (information data)) toc \$2toc pre\$1track pre\$1groove groove wobbl\$3) with ((determin\$5 detect\$3 read\$3 reproduc\$4) near4 (locat\$3 position address indicat\$3 specif\$4) near3 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))))	US-PGPUB; USPAT	OR	ON	2008/01/06 00:15
S97	8	"369".clas. and (((control adj1 information) toc \$2toc pre\$1track pre\$1groove groove wobbl\$3) with ((determin\$5 detect\$3 read\$3 reproduc\$4) near4 (locat\$3 position address indicat\$3 specif\$4) near3 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))))	US-PGPUB; USPAT	OR	ON	2008/01/06 00:22
S99	13	"369".clas. and ((wobbl\$3) with ((locat\$3 position address indicat\$3 specif\$4) near3 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))))	US-PGPUB; USPAT	OR	ON	2008/01/06 00:23

## EAST Search History

S10 0	30	"369".clas. and ((pre\$1format wobbl\$3) with ((locat\$3 position address indicat\$3 specif\$4) near3 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))))	US-PGPUB; USPAT	OR	ON	2008/01/06 00:30
S10 1	44	"369".clas. and ((management near2 (data information)) with ((address location position) near3 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))))	US-PGPUB; USPAT	OR	ON	2008/01/06 00:32
S10 4	16	"369".clas. and (PDPT (pre\$1format adj1 (disc disk) adj1 parameter adj1 table))	US-PGPUB; USPAT	OR	ON	2008/01/06 00:34
S10 5	43	"next-generation MD2"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/06 00:39
S10 2	18	"369".clas. and (((management near2 (data information))) with ((address location position) near3 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition)))))) same (wobbl\$3 pre\$1groove pre\$1track pre\$1format adip atip))	US-PGPUB; USPAT	OR	ON	2008/01/06 00:39
S10 6	1	"6912191".pn.	USPAT	OR	ON	2008/01/06 00:46
S96	26	"369".clas. and ((pre\$1groove pre\$1track) with (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition)))) and (otp ((second plural\$3 upper lower multiple) near3 (recording writ\$4) near3 (layer surface))))	US-PGPUB; USPAT	OR	ON	2008/01/06 00:49
S10 7	9	"369".clas. and (p\$1toc) and (otp ((second plural\$3 upper lower multiple) near3 (recording writ\$4) near3 (layer surface))))	US-PGPUB; USPAT	OR	ON	2008/01/06 01:07
S10 8	38	"369".clas. and ((instead alternative\$2 replac\$5 "no") near5 p\$1toc)	US-PGPUB; USPAT	OR	ON	2008/01/06 01:11
S11 0	76	"369".clas. and (adip with ((control manag\$5) near3 (information data))) and (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT	OR	ON	2008/01/06 01:12
S10 9	109	"369".clas. and (adip with ((control manag\$5) near3 (information data)))	US-PGPUB; USPAT	OR	ON	2008/01/06 01:12
S11 1	35	"369".clas. and ((adip with ((control manag\$5) near3 (information data))) same (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))))	US-PGPUB; USPAT	OR	ON	2008/01/06 01:13

## EAST Search History

S11 4	0	((adip wobbl\$3 atip pre\$1groove pre\$1format\$4 pre\$1track\$3) with ((control manag\$5) near3 (information data))) same (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	EPO; JPO	OR	ON	2008/01/06 01:14
S11 2	59	"369".clas. and (((adip wobbl\$3 atip pre\$1groove pre\$1format\$4 pre\$1track\$3) with ((control manag\$5) near3 (information data))) same (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT	OR	ON	2008/01/06 01:14
S11 5	579	"369".clas. and adip	US-PGPUB; USPAT	OR	ON	2008/01/06 02:11
S11 6	17	"369".clas. and (adip same ((address location position) near4 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT	OR	ON	2008/01/06 02:14
S11 7	1	"6115340".PN.	USPAT; USOCR	OR	ON	2008/01/06 02:16
S11 9	42	"369".clas. and ((pre\$1track pre\$1groove adip) with ((control auxiliary management) near3 (information data))) and ((address location position) near4 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/06 02:18
S11 8	216	"369".clas. and ((pre\$1track pre\$1groove adip) with ((control auxiliary management) near3 (information data)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/06 02:18
S12 3	1	"2002098047"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/06 02:21
S12 2	4	2002-098047	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/06 02:21
S12 1	0	2002-098047.pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/06 02:21
S12 4	18	"369".clas. and ((pre\$1track pre\$1groove adip) with ((control auxiliary management) near3 (information data))) same ((identif\$4 specif\$4 indicat\$3 address location position) near4 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/06 02:23

## EAST Search History

S12 0	18	"369".clas. and ((pre\$1track pre\$1groove adip) with ((control auxiliary management) near3 (information data))) same ((address location position) near4 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/06 02:23
S12 6	16	"369".clas. and ((pre\$1track pre\$1groove adip) with ((control auxiliary management) near3 (information data))) and ((identif\$4 specif\$4 indicat\$3) near5 (address location position) near4 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/06 02:24
S12 5	43	"369".clas. and ((pre\$1track pre\$1groove adip) with ((control auxiliary management) near3 (information data))) and ((identif\$4 specif\$4 indicat\$3 address location position) near4 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/06 02:24
S12 8	103	"369".clas. and ((identif\$4 specif\$4 indicat\$3) near5 (address location position) near4 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/06 02:25
S12 9	7	"369".clas. and (((identif\$4 specif\$4 indicat\$3) near5 (address location position) near4 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition)))) same (groove wobbl\$3 pre\$1groove pre\$1track embossed pre\$1format\$4 pre\$1pit\$1 pre\$1recorded pre\$1written stamped ((control auxiliary managment) near3 (information data))))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/06 02:27
S13 1	220	"369".clas. and rmd	US-PGPUB; USPAT	OR	ON	2008/01/06 16:37
S13 3	81	"369".clas. and (rmd with (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT	OR	ON	2008/01/06 16:39
S13 2	53	"369".clas. and (rmd with (wobbl\$3 emboss\$3 pre\$1format\$4 pre\$1track pre\$1groove pre\$1pit))	US-PGPUB; USPAT	OR	ON	2008/01/06 16:39
S13 5	29	S134 and S132	US-PGPUB; USPAT	OR	ON	2008/01/06 16:41

## EAST Search History

S13 4	38	"369".clas. and ((rmd) with ((location address position) near5 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))))	US-PGPUB; USPAT	OR	ON	2008/01/06 16:41
S13 0	67	"369".clas. and (((disc disk) near3 information) with ((location address position) near5 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))))	US-PGPUB; USPAT	OR	ON	2008/01/06 16:42
S13 8	67	S136 and S137	US-PGPUB; USPAT	OR	ON	2008/01/06 16:44
S13 9	139	"369".clas. and (((disc disk management) near3 information) rmd p\$1toc toc) with ((location address position) near5 (pca (((adjust\$4 near3 (power intensity)) opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))))	US-PGPUB; USPAT	OR	ON	2008/01/06 16:46
S13 7	2002	"369".clas. and (((disc disk management) near3 information) rmd p\$1toc toc) with (wobbl\$3 emboss\$3 pre\$1format\$4 pre\$1track pre\$1groove pre\$1pit))	US-PGPUB; USPAT	OR	ON	2008/01/06 16:46
S13 6	137	"369".clas. and (((disc disk management) near3 information) rmd p\$1toc toc) with ((location address position) near5 (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))))	US-PGPUB; USPAT	OR	ON	2008/01/06 16:46
S14 0	68	S139 and S137	US-PGPUB; USPAT	OR	ON	2008/01/06 18:55
S14 1	1	"369".clas. and (multiple near3 (writ\$3 recording) near3 session) and ((partition\$4) with (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT	OR	ON	2008/01/06 19:00
S14 2	2	"369".clas. and (multiple near3 (writ\$3 recording) near3 session) and ((partition\$4 session) with (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT	OR	ON	2008/01/06 19:04
S14 3	12	"369".clas. and ((writ\$3 recording) near3 session) and ((partition\$4) with (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT	OR	ON	2008/01/06 19:16



## EAST Search History

S14 5	0	"369".clas. and ((opc (power near3 calibrat\$3) ((test trail) near3 (recording writ\$3))) with (preced\$3 before) with ("each" near3 (session (time near3 (writ\$3 record\$3) near3 ((carried adj1 out) perform\$3))))))	US-PGPUB; USPAT *	OR	ON	2008/01/06 19:24
S14 7	38	"369".clas. and ((opc (power near3 calibrat\$3) ((test trail) near3 (recording writ\$3))) with (preced\$3 before) with ((session (time near3 (writ\$3 record\$3) near3 ((carried adj1 out) perform\$3))))))	US-PGPUB; USPAT	OR	ON	2008/01/06 19:49
S14 9	6	"369".clas. and ((opc (power near3 calibrat\$3) ((test trail) near3 (recording writ\$3))) with (preced\$3 before) with ((before beforehand prior previous\$2 preced\$5) adj5 (session content)))	US-PGPUB; USPAT	OR	ON	2008/01/06 19:50
S15 1	0	"369".clas. and ((opc (power near3 calibrat\$3) ((test trail) near3 (recording writ\$3))) with (preced\$3 before) with ((before beforehand prior previous\$2 preced\$5) adj5 (writ\$3 recording ))) and (partion\$3 with (opc (power near3 calibrat\$3) ((test trail) near3 (recording writ\$3))))	US-PGPUB; USPAT	OR	ON	2008/01/06 19:51
S15 0	550	"369".clas. and ((opc (power near3 calibrat\$3) ((test trail) near3 (recording writ\$3))) with (preced\$3 before) with ((before beforehand prior previous\$2 preced\$5) adj5 (writ\$3 recording )))	US-PGPUB; USPAT	OR	ON	2008/01/06 19:51
S14 4	63	"369".clas. and ((multiple multi plural\$3) near3 session) and ((partition\$4 plural\$3) with (pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))))	US-PGPUB; USPAT	OR	ON	2008/01/06 20:08
S15 3	29	"369".clas. and ((pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))) with (("22" "22.6" "22.7" "22.8" "22.9" "23" "23.0" "23.1" "23.2" "23.3" "23.4" "23.5" "23.6" "23.7" "23.8" "23.9" "24" "24.0" "24.1" "24.2") near2 (mm millimeter)))	US-PGPUB; USPAT	OR	ON	2008/01/06 20:21

## EAST Search History

S15 2	29	"369".clas. and ((pca ((opc test\$3 calibrat\$3 trial) near3 (region area zone partition))) with (("22" "22.0" "22.1" "22.2" "22.3" "22.4" "22.5" "22. 6" "22.7" "22.8" "22.9" "23" "23.0" "23.1" "23.2" "23.3" "23.4" "23.5" "23. 6" "23.7" "23.8" "23.9" "24" "24.0" "24.1" "24.2") near2 (mm millimeter)))	US-PGPUB; USPAT	OR	ON	2008/01/06 20:21
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